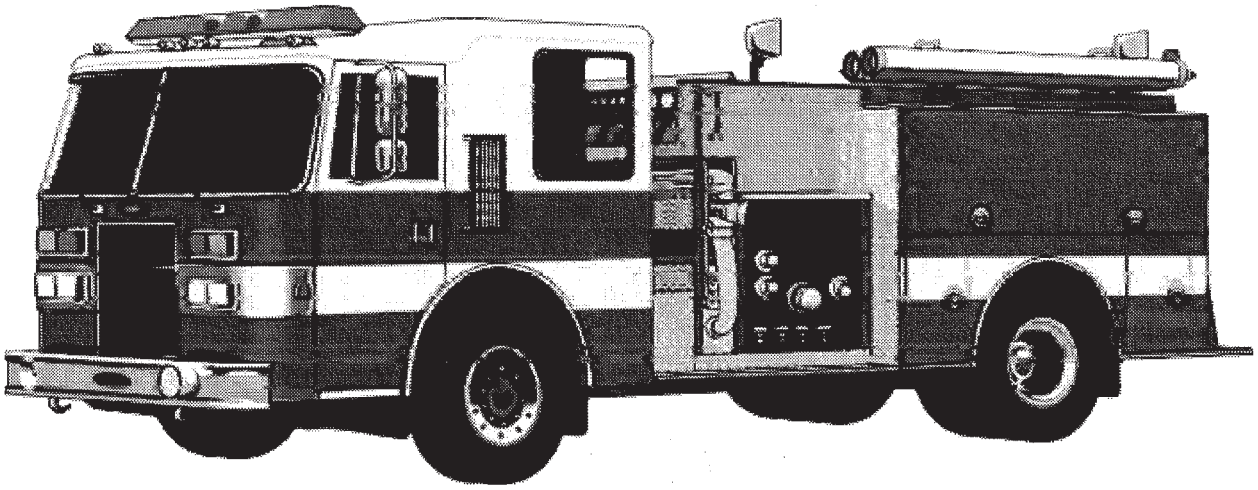
DRIVER/OPERATOR-PUMPER



PRACTICAL SKILL SHEETS

INDIANA HOMELAND SECURITY TRAINING INSTITUTE

Indiana Board of Firefighting Personnel Standards and Education

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

Revised 06/18/05

STATE OF INDIANA
JOB PERFORMANCE REQUIREMENT
SKILLS EVALUATION SYSTEM

CANDIDATE: _____

EVALUATOR: _____

DATE: _____ **COURSE NUMBER:** _____

LOCATION: _____

OBJECTIVE:

The Job Performance Requirement Skills Evaluation System is divided into Skill Stations based upon the subject headings within the certification standard. Each of the skill stations are further broken down into Skills Tests which are drawn from each component of the standard. This is an "Evaluation and not a "Training Session". The candidate must satisfactorily pass each skill.

INSTRUCTORS AND EVALUATORS:

Each Skill Test presented within this Skill Packet is based upon Job Performance Requirements identified by The National Fire Protection Agency and approved by the Indiana Board of Firefighting Personnel Standards and Education. Instructor II/III whom, is serving as the Lead Instructor and/or Lead Evaluator are mandated to ensure the Evaluation and Testing Results satisfy the Job Performance Requirement as described by the standard.

CANDIDATES:

If the candidate is unable to perform a task, the Evaluator will identify the specific task as a "Recommended Area for Further Training." Each Candidate shall advise the Evaluator when they have completed each Skill Station. Candidates will not find out the results of an individual Skill Station until all evaluations scheduled for that day have been completed. Candidates have the option to retake any Skill Test at the end of the Evaluation Session or during a make-up session scheduled by the Instructor.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1.1 General

JPR #DOP1

Standard Area: General

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.1.1. NFPA 1002, 2003 Edition	**TASK:** Perform the specified routine tests, inspections and servicing functions specified in the following list given a fire department pumper and it's manufacturer's specifications, so that the operational status of the pumper is verified.

PERFORMANCE OUTCOME: The ability to use hand tools, recognize system problems and correct any deficiency noted, with completed departmental forms, according to policies and procedures of Authority Having Jurisdiction. **The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical.**

The Proctor will choose two Task Steps including one piece of equipment from task step # 11 to be demonstrated by the candidate on the day of the practical.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: A fully equipped fire department pumper, the appropriate equipment to complete the assigned task and access to department policies, and procedures. ***SEE NEXT PAGE**

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Battery (*ies*)				
2.	Braking systems				
3.	Coolant systems				
4.	Electrical systems				
5.	Fuel				
6.	Hydraulic fluid				
7.	Oil				
8.	Tires				
9.	Steering system				
10.	Belts				
11.	Tools, appliances and equipment				
12.	Perform a routine inspection on Water tank and other extinguishing agent levels in accordance with policies and procedures of Authority Having Jurisdiction. (*if applicable*)				
13.	Perform a routine inspection on pumping systems in accordance with policies and procedures of Authority Having Jurisdiction.				
14.	Perform a routine inspection on Foam systems in accordance with policies and procedures of Authority Having Jurisdiction. (*if applicable*)				

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1.1 General **JPR #DOP1**

Standard Area: General

***Authority Having Jurisdiction will make apparatus check off sheets available for the visual check of the vehicle per their department policies and procedures. The candidate will be allowed to use these sheets while performing this JPR.**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1.1 General **JPR #DOP1**

Standard Area: General

Lead Evaluator/Candidate Comments: _____

_____

_____

_____

_____	_____	_____	_____
Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
_____	_____	_____	_____
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating **JPR #DOP2**
Standard Area: Driving / Operating

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.3.1 NFPA 1002, 2003 Edition	**TASK:** The fire apparatus driver/operator, given a fire department pumper, shall demonstrate ability to prepare the pumper to be driven.
PERFORMANCE OUTCOME: Preliminary Apparatus Inspection	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: (1) one fire department pumper.	

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Check and adjust the drivers' seat.				
2.	Check and adjust vehicle mirrors.				
3.	Fasten seatbelt prior to placing the pumper in motion.				

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating
Standard Area: Driving Operating

JPR #DOP8

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.3.6 NFPA 1002, 2003 Edition	**TASK:** Operate a vehicle using defensive driving techniques under emergency conditions, given a fire department vehicle and emergency conditions, so that control of the vehicle maintained.

PERFORMANCE OUTCOME: The ability to operate passenger restraint devices, maintain safe following distances, maintain control of the vehicle while accelerating, decelerating, and turning, maintain reasonable speed for road, weather, and traffic conditions, operate safely during non-emergency conditions, operate under adverse environmental or driving surface conditions, and use automotive gauges and controls. **The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical.**

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: A fire department vehicle, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Wearing Seatbelt				
2.	Operate passenger restraint devices				
3.	Maintain safe following distances				
4.	Maintain control of the vehicle while accelerating, decelerating, and turning				
5.	Maintain reasonable speed for road, weather, and traffic conditions				
6.	Operate safely during non-emergency conditions				
7.	Operate under adverse environmental or driving surface conditions				
8.	Use automotive gauges and controls				

***Authority Having Jurisdiction will make available to the proctor any documentation to verify that these duties have been performed.**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating **JPR #DOP8**
Standard Area: Driving Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating **JPR #DOP7**
Standard Area: Driving / Operating

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.3.5 NFPA 1002, 2003 Edition	**TASK:** Perform the practical driving exercises specified 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.

PERFORMANCE OUTCOME: 4.3.5* Maneuver a fire department vehicle in areas with restricted horizontal and vertical clearances, given a fire department vehicle and a course that requires the operator to move forward through areas of restricted horizontal and vertical clearances, so that the operator accurately judges the ability of the vehicle to pass through the openings and so that no obstructions are struck.
(Diminishing Clearance Exercise)

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: (1) one fire department pumper.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Maneuver the pumper forward through the diminishing clearance exercise without striking obstructions.				
11.	Do not allow the pumper to cross over the finish line.				

See attached Appendix and Figure A-4.3.5 for instructions and dimensions.

NOTE: Not all apparatus will fit in dimensions given below. Proctor should measure wheel width of apparatus to be used in the course to include tire bulge, add 2" to the total width of the course (*1" on each side*)

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating
JPR #DOP7
Standard Area: Driving / Operating

A-4.3.5

The diminishing clearance exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distances from wheel to object, and to stop at a finish line. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. The course for this exercise is created by arranging two rows of markers to form a lane *75* ft (*22.9 m*) long. The lane varies in width from 9 ft 6 in. (*2.9 m*) to a diminishing clearance of 8 ft 2 in. *(2.5* ***in*****).** The driver should maneuver the apparatus forward through this lane without touching the markers. The vehicle should be stopped at a finish line *50* ft *(15.25* in) beyond the last marker. No portion of the vehicle should protrude beyond this line. *(See Figure A-4.3.5.)*

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.

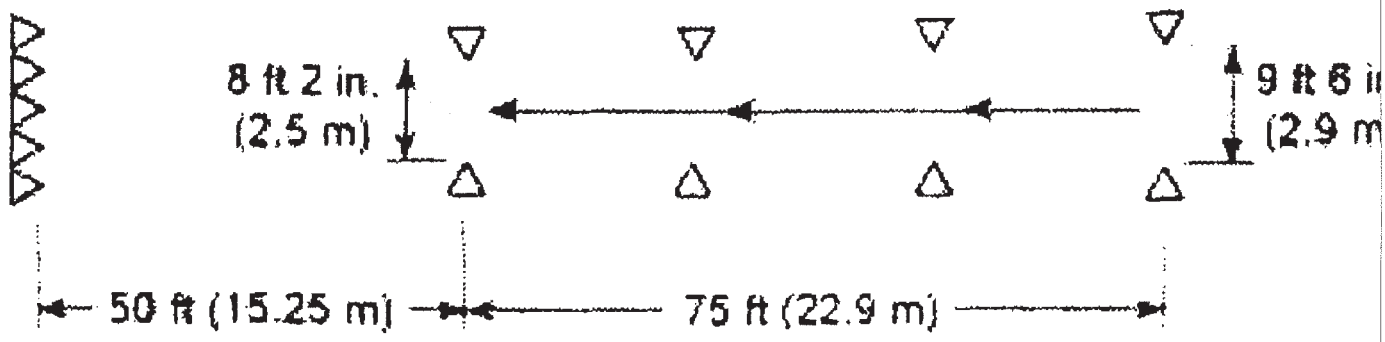


Figure A-4.3.5 Diminishing clearance exercise.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP7**

Standard Area: Driving / Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP6**

Standard Area: Driving / Operating

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.3.4 NFPA 1002, 2003 Edition	**TASK:** Perform the practical driving exercises specified 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.

PERFORMANCE OUTCOME: 4.3.4* Turn a fire department vehicle 180 degrees within a confined space, given a fire department vehicle, a spotter for backing, and an area in which the vehicle cannot perform a U-turn without stopping and backing up, so that the vehicle is turned 180 degrees without striking obstructions within the given space.
(Turn Around Exercise)

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: (1) one fire department pumper.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Turn the pumper 180 degrees within a confined space, without striking obstructions.				
2.	Do not allow the pumper to leave course boundaries.				

See attached NFPA Appendix & Figure A-4.3.4 for instructions and dimensions.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating
JPR #DOP6
Standard Area: Driving / Operating

A-4.3.4

The confined space turnaround can be used as practice for or in the *evaluation* of this requirement. This exercise measures the driver's ability to turn the vehicle around in a confined space without striking obstacles. The turn is accomplished within an area 50 ft x 100 ft *(15.25* m x *30.5* **in).** The driver moves into the area from a 14.ft (*3.66-rn*) opening in the center of one of the 50-ft *(15.25-rn)* legs, turns the vehicle 180 degrees, and returns through the opening. There is no limitation on the number of times the driver has to maneuver the vehicle to accomplish this exercise, but no portion of the vehicle should extend over the boundary lines of the space. *(See Figure A-4.3. 4.)*

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.

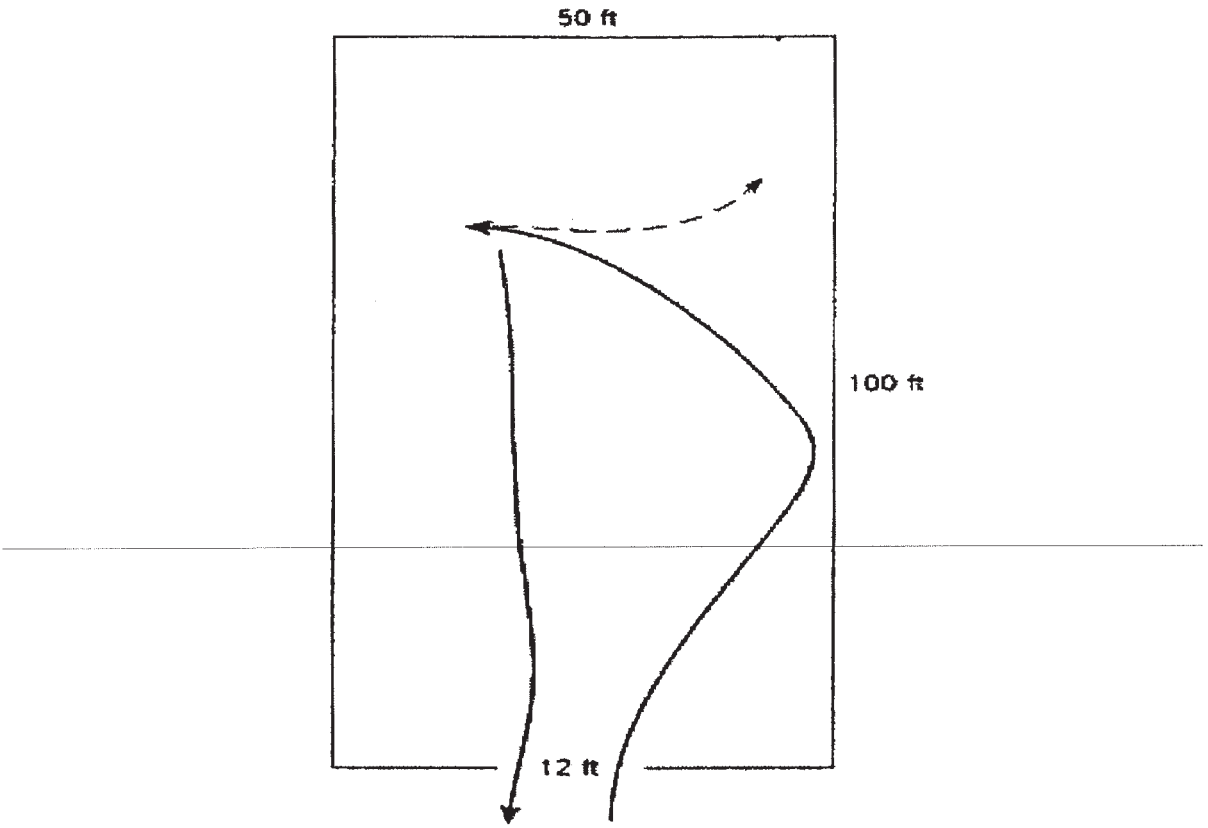


Figure A-4.3.4 Confined space turnaround.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP6**

Standard Area: Driving / Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP5**

Standard Area: Driving / Operating

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.3.3 NFPA 1002, 2003 Edition	**TASK:** Perform the practical driving exercises specified 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.

PERFORMANCE OUTCOME: 4.3.3* Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department vehicle, spotter for backing, and a roadway for obstructions, so that the vehicle is maneuvered through the obstacle without stopping and/or changing the direction of travel and without striking the obstructions.
(Serpentine Exercise)

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: (1) one fire department pumper.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Maneuver the pumper forward around obstructions without stopping and/or changing direction of travel and without striking obstructions.				
2.	Maneuver the pumper in reverse around obstructions without stopping and/or changing direction of travel and without striking obstructions.				
3.	Do not allow the pumper to leave course boundaries.				

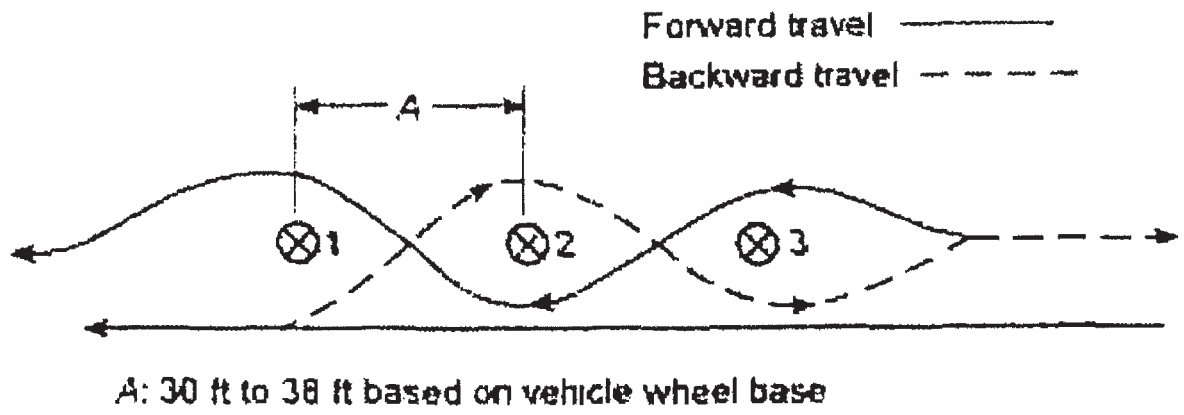
See attached NFPA Appendix & Figure A-4.3.3 for instructions and dimensions.
NOTE: Course boundaries are 20 feet from center of cone on each side. Total width of 40 feet.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating
JPR #DOP5
Standard Area: Driving / Operating

A-4.3.3

The serpentine exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in close limits without stopping. The exercise should be conducted with the apparatus moving first backward, then forward. The course or path of travel for this exercise can be established by placing a minimum of three markers, each spaced between 30 ft (*9 m*) and 38 ft (*12 m*) apart, in a line. The spacing of the markers should be based on the wheel base of the vehicle used. Adequate space must be provided on each side of the markers for the apparatus to move freely. The driver should drive the apparatus along the left side of the markers in a straight line and stop just beyond the last marker. The driver then should back the apparatus between the markers by passing to the left of marker No. 1, to the right of marker No. 2, and to the left of marker No. 3. At this point, the driver should stop the vehicle and then drive it forward between the markers by passing to the right of marker No. 3, to the left of marker No. 2, and to the right of marker No. 1. *(See Figure A-4.3.3.)*

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.



NOTE : Use 36 feet for Driver Operator Pumper (based on a standard wheel base of 16feet overall length of 32 feet. If pumper is longer adjust length as referenced above.)

Figure A-4.3.3 Serpentine exercise.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP5**

Standard Area: Driving / Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP4**
5.1.2 Driving / Operating
Standard Area: Driving / Operating

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.1.2 NFPA 1002, 2003 Edition	**TASK:** Perform the practical driving exercises specified 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.

PERFORMANCE OUTCOME: 4.3.2* Back a vehicle from a roadway into restricted spaces on both the right and left sides of the vehicle, given a fire department vehicle, a spotter, and restricted spaces 12 ft in width, requiring 90-degree right-hand and left-hand turns from the roadway, so that the vehicle is parked within the restricted areas without having to stop and/or pull forward and without striking obstructions.
(Alley Dock Exercise)

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: (1) one fire department pumper.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Back the pumper into restricted space on the right side without having to stop and/or pull forward and without striking obstructions.				
2.	Back the pumper into restricted space on the left side without having to stop and/or pull forward and without striking obstructions.				
3.	Do not allow the pumper to leave course boundaries.				

See attached NFPA Appendix & Figure A-4.3.2 (*a*) & (*b*) for instructions and dimensions.

NOTE: JPR is complete upon backing into the dock exercise, the candidate will not be evaluated while pulling out of the dock area.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP4**

5.1.2 Driving / Operating

Standard Area: Driving / Operating

A-4.3.2

The alley dock exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly. A dock or stall can be simulated by arranging barricades 40 ft (*12.2 m*) from a boundary line. These barricades should be 12 ft (*3.66 m*) apart, and the length should be approximately 20 ft (*6.1 in*). The driver should pass the barricades with the dock on the left and then back the apparatus, using a left turn, into the stall. The exercise should then be repeated with the dock on the right side, using a right turn. [*See Figure A-4.3.2(a).*

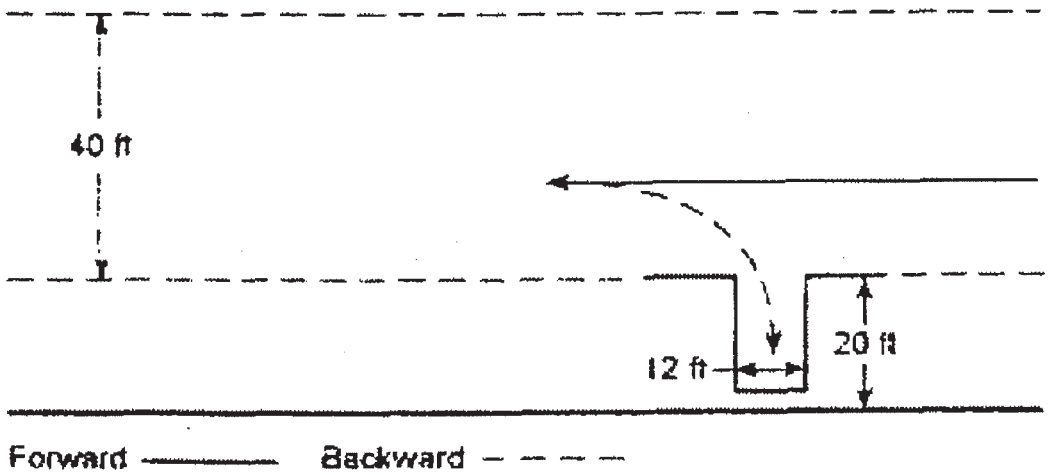


Figure A-4.3.2(a) Alley dock exercise.

The apparatus station parking maneuver can also be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to back the apparatus into a fire station to park or to back the apparatus down a street to reverse the direction of travel. An engine bay can be simulated by allowing for a 20-ft (*6.1-rn*) minimum setback from a street 30 ft (*9 m*) wide, with a set of barricades at the end of the setback, spaced 12 ft (*3.66 m*) apart to simulate the garage door. The setback from the street should be determined by the testing agency to ensure that the distances reflect those encountered by the apparatus driver during the normal course of duties.

A marker placed on the ground should indicate to the operator the proper position of the left front tire of the vehicle once stopped and parked. A straight line can be provided to assist the operator while backing the apparatus, facilitating the use of vehicle mirrors. The minimum depth distance is determined by the total length of the vehicle. *[See Figure A-4.3.2(b).]*

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating **JPR #DOP4**
5.1.2 Driving / Operating
Standard Area: Driving / Operating

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified

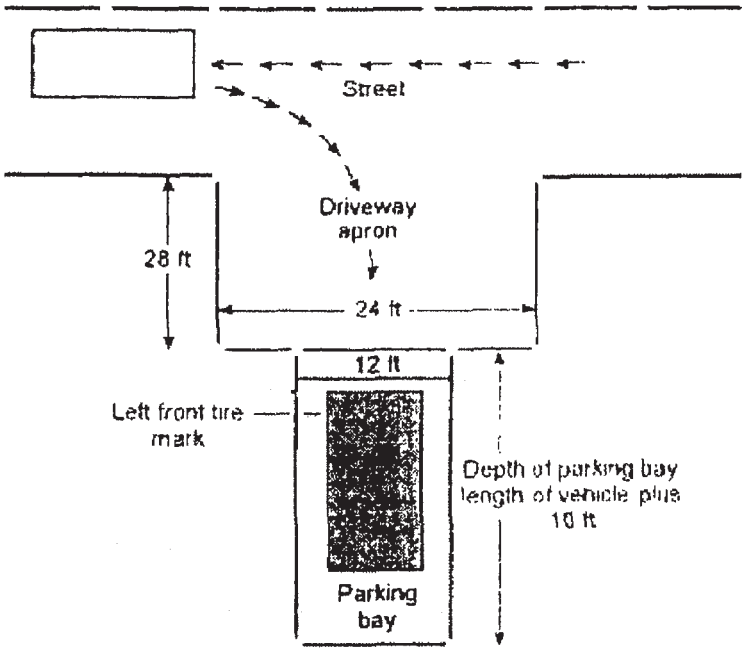


Figure A-4.3.2(b) Station parking procedure drill.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP4**
5.1.2 Driving / Operating
Standard Area: Driving / Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.1 Driving / Operating
Standard Area: Driving / Operating

JPR #DOP3

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 4.1.3 NFPA 1002, 2003 Edition	**TASK:** Operate a fire department pumper over a predetermined route on a public way that incorporates the maneuvers and features specified in the list in 4.3.1, so that the vehicle is safely operated in compliance with all applicable state and local laws, department rules and regulations, and the requirements of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, Section 4.2.

PERFORMANCE OUTCOME: The candidate will safely complete the task operating the department pumper on a predetermined route provided by the Authority Having Jurisdiction.

The AHJ will administer this JPR prior to the candidate participating in the Driver/Operator Practical.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: (1) one fire department pumper.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Four left turns.				
2.	Four right turns.				
3.	A straight section of urban business street or a two-lane rural road at least 1 mile in length.				
4.	One through-intersection and two intersections where a stop has to be made.				
5.	One Railroad crossing.				
6.	One curve, either left or right.				
7.	A section of limited-access highway that includes a conventional ramp entrance and exit and a section of road long enough to allow two lane changes.				
8.	A downgrade steep enough and long enough to require down-shifting and braking.				
9.	An upgrade steep enough and long enough to require gear changing to maintain speed.				
10.	One underpass or a low clearance or bridge.				

A-4.3.2
The maneuvers and features specified for this JPR include driving situations that the committee has determined to be essential. The committee recognizes that each of these situations might not exist in all areas. Where this occurs, those specific requirements can be omitted.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.1 Driving / Operating **JPR #DOP3**

Standard Area: Driving / Operating

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2.1 Operations **JPR #DOP9**

Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** The fire apparatus driver / operator, given a fire department pumper, shall demonstrate placing the pump in service for pumping operations.

PERFORMANCE OUTCOME: The driver / operator shall safely and efficiently complete all in cab procedures.

CONDITIONS: The candidate will complete all in cab procedures prior to exiting the apparatus.

EQUIPMENT REQUIRED: A fire department pumper equipped with wheel chocks.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Bring the apparatus to a full stop and allow the engine to slow to idle speed.				
2.	Shift the transmission to neutral and set the brake (*per manufactures instructions*).				
3.	Depress the brake pedal and engage the pump shift switch and lock.				
4.	Shift the transmission into pump gear.				
5.	Open water tank to pump valve.				
6.	Properly position wheel chocks.				
7.	**Describe manual pump engagement procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2.1 Operations **JPR #DOP9**

Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10a**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ____ft. in length with a ___ gpm fog nozzle being deployed to the 2nd floor will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: Determined by proctor

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully				
2.	Place the transfer valve in *volume / pressure.* (*if applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure. _____ within *(+ or – 5 psi)* (*Prime, if necessary*).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10a**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.2 Operations **JPR #DOP10a**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (*from internal tank*) for supplying a pre-connected attack line, given one ___in. attack line, ____ft. in length with a ___ gpm fog nozzle being deployed to the 2nd floor will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: Determined by proctor	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10a**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10b**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle being deployed to the **ground** floor, will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully.				
2.	Place the transfer valve in *volume / pressure.* (*If applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)* (*Prime, if necessary*).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10b**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator *(Print & Sign)*	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10b**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (*from internal tank*) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle being deployed to the **ground** floor, will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10c**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (*from internal tank*) for supplying a pre-connected attack line., given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle being deployed to the 3rd floor will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully.				
2.	Place the transfer valve in *volume / pressure.* (*If applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)* *(Prime, if necessary)*.				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10c**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10c**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line., given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle being deployed to the 3rd floor will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10d**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (*from internal tank*) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length and deployed ___ft. **downhill**, with a ___ gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully.				
2.	Place the transfer valve in *volume / pressure.* (*If applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)* (*Prime, if necessary*).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP10d

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10d**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length and deployed ___ft. **downhill**, with a ___ gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10e**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (*from internal tank*) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length and deployed ___ft. **uphill** with a ___ gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully.				
2.	Place the transfer valve in *volume / pressure.* (*If applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)* (*Prime, if necessary*).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10e**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition
5.2 Operations **JPR #DOP10e**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length and deployed ___ft. **uphill** with a ___ gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10f**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle deployed to the **1st** floor will produce an effective fire stream and calculate the correct discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Open the water tank to pump valve fully.				
2.	Place the transfer valve in *volume / pressure.* (*If applicable*)				
3.	Open the correct discharge valve.				
4.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)* (*Prime, if necessary*).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)				

Continue to next JPR Sheet without shutting down

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10f**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP10f**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given one ___in. attack line, ___ft. in length with a ___ gpm fog nozzle deployed to the **1st** floor will produce an effective fire stream and calculate the correct discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP11**

Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The Driver/Operator will perform a transfer from internal tank to external source (*Hydrant*).

CONDITIONS: The candidate will perform this task completing all task steps in a safe manner.

EQUIPMENT REQUIRED: A fire department pumper, hydrant and all equipment needed to make connection.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Signal to have hydrant opened (***proctor will have someone at hydrant to open it***).				
2.	Maintain constant discharge pressure *(+ or - 30 psi.)*				
3.	Reset pressure control device.				
4.	Fill apparatus booster tank.				
5.	Close tank to pump.				

Continue to next JPR Sheet without shutting down

Note: If apparatus has an electronic throttle control, task step # 2 is not applicable.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP11**

Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP11

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The Driver/Operator will perform a transfer from internal tank to external source (*Hydrant*).	
CONDITIONS: The candidate will perform this task completing all task steps in a safe manner.	
EQUIPMENT REQUIRED: A fire department pumper, hydrant and all equipment needed to make connection.	

Continue to next JPR Sheet without shutting down.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12a**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver operator given (1) one _____ in hoseline, _____ ft in length , _____ in smooth bore nozzle with +/- _____ number floors supplied from a hydrant, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure _____ psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*).				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*).				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)**				
8.	**Identify the number of equal lines or additional gpm that can be added ____.**				
9.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
10.	**Identify action to be taken.**				
11.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12a

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12a**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. **Driver/Operator is operating off a pressurized water source with attack line flowing.** Hoseline number 2 The driver operator given (1) one _____ in hoseline, _____ ft in length , _____ in smooth bore nozzle with _____ ft change in elevation supplied from a hydrant, must show an effective fire stream and calculate the correct pump discharge pressure. **Proctor must determine gain/loss prior to administering the exam.**	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12b**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver operator given (1) one _____ in hoseline, _____ ft in length , _____ in smooth bore nozzle with _____ ft elevation gain/loss; supplied from a hydrant, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure_____psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*).				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*)				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)**				
8.	**Identify the number of equal lines or additional gpm that can be added ____.**				
9.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
10.	**Identify action to be taken.**				
11.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12b**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12b**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver operator given (1) one _____ in hoseline, _____ ft in length , _____ in smooth bore nozzle with _____ ft change in elevation supplied from a hydrant, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12c**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver operator given (1) one _____in hoseline _____ft in length with a _____gpm fog nozzle and _____ ft elevation gain/loss will produce and effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure _____ psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*)				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*).				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)**				
8.	**Identify the number of equal lines or additional gpm that can be added _____.**				
9.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
10.	**Identify action to be taken.**				
11.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12c

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12c**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver operator given (1) one _____in hoseline _____ft in length with a _____gpm fog nozzle and _____ ft elevation gain/loss will produce and effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12d**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2
The driver/operator given (1) one _____ in hoseline _____ ft in length with a gated wye and (*2*) two _____ in hoseline; each _____ ft in length with a _____ gpm fog nozzle will produce an effective fire stream and calculate the correct pump discharge pressure.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure_____ psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*).				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*).				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)**				
8.	**Identify the number of equal lines or additional gpm that can be added ____.**				
9.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
10.	**Identify action to be taken.**				
11.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12d**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12d

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. **Driver/Operator is operating off a pressurized water source with attack line flowing.** Hoseline number 2 The driver/operator given (1) one _____ in hoseline _____ ft in length with a gated wye and (*2*) two _____ in hoseline; each _____ ft in length with a _____ gpm fog nozzle will produce an effective fire stream and calculate the correct pump discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by the lead proctor.	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12e**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver/operator given (1) one _____ in hoseline _____ ft in length attached to a remote master stream appliance with _____ in smooth bore nozzle ; _____ ft gain/loss in elevation; a hydrant as a water supply, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure _____ psi				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*).				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*).				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Identify the number of equal lines or additional gpm that can be added ____.**				
8.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
9.	**Identify action to be taken.**				
10.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12e**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12e**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. **Driver/Operator is operating off a pressurized water source with attack line flowing.** Hoseline number 2 The driver/operator given (1) one _____ in hoseline _____ ft in length attached to a remote master stream appliance with _____ in smooth bore nozzle ; _____ ft gain/loss in elevation; a hydrant as a water supply, must show an effective fire stream and calculate the correct pump discharge pressure. **Proctor must determine gain/loss prior to administering the exam.**	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by proctor	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12f

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2
The driver/operator given (*2*) two ___in. hoselines ____ft. in length attached to a remote master stream appliance with a fog nozzle at ___ gpm, hydrant as a water supply, ___ft. gain/loss in elevation, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure _____psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Maintain correct pump discharge pressure (*hoseline number one*) _____ (*within + or – 5 psi*).				
4.	Adjust throttle to correct pump discharge pressure (*hoseline number two*) _____ (*within + or – 5 psi*).				
5.	Set pressure control device.				
6.	Identify residual pressure_____ psi.				
7.	**Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)**				
8.	**Identify the number of equal lines or additional gpm that can be added ____.**				
9.	**Identify possible problems that may occur if residual pressure drops below 20 psi.**				
10.	**Identify action to be taken.**				
11.	**Demonstrate shut down procedures.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12f**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP12f**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.

Driver/Operator is operating off a pressurized water source with attack line flowing.

Hoseline number 2

The driver/operator given (*2*) two ___in. hoselines ____ft. in length attached to a remote master stream appliance with a fog nozzle at ___ gpm, hydrant as a water supply, ___ft. gain/loss in elevation, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must determine gain/loss prior to administering the exam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13a**
5.2.4
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.4 NFPA 1002, 2003 Edition	**TASK:** Supply water to fire sprinkler and standpipe systems, given specific information and a fire department pumper, so that water is supplied to the system at the proper volume and pressure.

PERFORMANCE OUTCOME: The driver/operator given (*2*) two ____in. hoselines, ____ft. in length, attached to the Fire Department Connection, operating at the ____ floor, with ____ft. of ____in. attack line, and a ____gpm. fog nozzle. Supplied from a pressurized water source, must show an effective fire stream and calculate the correct pump discharge pressure.

Proctor must select fire sprinkler or stand pipe system

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify static pressure _____ psi.				
2.	Place transfer valve in _____ (*if equipped*).				
3.	Adjust throttle to correct pump discharge pressure for attack line. _____ (*within + or – 5 psi*).				
4.	Set pressure control device.				
5.	**Demonstrate shut down procedures.**				
6.	Monitor system for overheating. Operate auxiliary cooling systems (*if applicable*)				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13a**
5.2.4
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator *(Print & Sign)*	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13a**
5.2.4
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.4 NFPA 1002, 2003 Edition	**TASK:** Supply water to fire sprinkler and standpipe systems, given specific information and a fire department pumper, so that water is supplied to the system at the proper volume and pressure.
PERFORMANCE OUTCOME: The driver/operator given (*2*) two ____in. hoselines, ____ft. in length, attached to the Fire Department Connection, operating at the ____ floor, with ____ft. of ____in. attack line, and a ____gpm. fog nozzle. Supplied from a pressurized water source, must show an effective fire stream and calculate the correct pump discharge pressure.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by proctor	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13b**
5.2.3 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.3 NFPA 1002, 2003 Edition	**TASK:** Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided.

PERFORMANCE OUTCOME: The fire apparatus driver/operator, given foam and foam producing equipment, shall demonstrate the ability to operate foam-proportioning equipment, connect foam stream equipment and produce an effective fire stream supplied with foam.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: A supply of class A or B type foam concentrate or substitute. Inline eductor, bypass eductor, Compressed air foam system (*CAFS*) or Foam injection system. Fog nozzle or foam nozzle as required. **Authority Having Jurisdiction will determine type of system to be used for testing.**

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	**Identify type of foam producing equipment being utilized.**				
2.	Prepare foam-producing equipment for operation.				
3.	Adjust throttle to correct pump discharge pressure for foam-producing equipment being utilized.				
4.	**Identify correct foam concentrations for a specific type of fire, to be determined by the proctor. Example: What percentage of class B foam should be used on a polar solvent-fueled fire.**				
5.	Produce an effective foam supplied fire stream.				
6.	**Identify limitations of foam type being utilized.**				
7.	**Demonstrate shut down procedures.**				
11.	**Identify proper cleaning or flushing procedures for equipment utilized, per the manufacture recommendations.**				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13b**
5.2.3 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP13b**
5.2.3 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.3 NFPA 1002, 2003 Edition	**TASK:** Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided.
PERFORMANCE OUTCOME: The fire apparatus driver/operator, given foam and foam producing equipment, shall demonstrate the ability to operate foam-proportioning equipment, connect foam stream equipment and produce an effective fire stream supplied with foam.	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: A supply of class A or B type foam concentrate or substitute. Inline educator, bypass educator, Compressed air foam system (*CAFS*) or Foam injection system. Fog nozzle or foam nozzle as required. **Authority Having Jurisdiction will determine type of system to be used for testing.**	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14a**
5.2.2 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.2 NFPA 1002, 2003 Edition	**TASK:** Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.

PERFORMANCE OUTCOME: The driver /operator, given a _____ water source with (*2*) 10ft. sections of hard suction connected to a fire department pumper, relay water using (1) one____ in. supply lines ____ft. in length to a fire department attack pumper with ____ft. elevation gain/loss flowing ____ gpm.
Proctor must determine gain/loss prior to administering the exam

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	**Identify the source and attack pumper.**				
2.	**Identify the minimum water level of the static source.**				
3.	**Identify the maximum lift at the test site.**				
4.	**Identify the maximum priming time of the source pumper.**				
5.	Prime the pump.				
6.	Identify problems associated with a failure to prime the pump.				
7.	Communications established with attack pumper.				
8.	Open the correct discharge valve.				
9.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)*.				
10	Set pressure control device.				
11	Maintain pump prime without flow interruptions from attack pumper.				
12.	**Demonstrate shut down procedures.**				
13.	Monitor systems for overheating. Operate auxiliary cooling system (*if applicable*).				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14a**
5.2.2 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14a**
5.2.2 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.2 NFPA 1002, 2003 Edition	**TASK:** Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.
PERFORMANCE OUTCOME: The driver /operator, given a _____ water source with (*2*) 10ft. sections of hard suction connected to a fire department pumper, relay water using (2) two____ in. supply lines ____ft. in length to a fire department attack pumper with ____ft. elevation gain/loss flowing ____ gpm. **Proctor must determine gain/loss prior to administering the exam**	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by proctor	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14b**
5.2.2 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.2 NFPA 1002, 2003 Edition	**TASK:** Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.

PERFORMANCE OUTCOME: The driver /operator, given a _____ water source with (*2*) 10ft. sections of hard suction connected to a fire department pumper, relay water using (*2*) two____ in. supply lines ____ft. in length to a fire department attack pumper with ____ft. elevation gain/loss flowing ____ gpm.

Proctor must determine gain/loss prior to administering the exam

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: To be determined by the lead proctor.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	**Identify the source and attack pumper.**				
2.	**Identify the minimum water level of the static source.**				
3.	**Identify the maximum lift at the test site.**				
4.	**Identify the maximum priming time of the source pumper.**				
5.	Prime the pump.				
6.	Identify problems associated with a failure to prime the pump.				
7.	Communications established with attack pumper.				
8.	Open the correct discharge valve.				
9.	Adjust the throttle to the correct discharge pressure_____ within *(+ or – 5 psi)*.				
10	Set pressure control device				
11	Maintain pump prime without flow interruptions from attack pumper.				
12	**Demonstrate shut down procedures..**				
13.	Monitor systems for overheating. Operate auxiliary cooling systems (*if applicable*).				

Proctor will state to the Candidate the Task Steps in bold type.

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14b**
5.2.2 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP14b**
5.2.2 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.2 NFPA 1002, 2003 Edition	**TASK:** Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay.
PERFORMANCE OUTCOME: The driver /operator, given a _____ water source with *(2)* 10ft. sections of hard suction connected to a fire department pumper, relay water using *(2)* two____ in. supply lines ____ft. in length to a fire department attack pumper with ____ft. elevation gain/loss flowing ____ gpm. **Proctor must determine gain/loss prior to administering the exam**	
CONDITIONS: The candidate will complete all elements of the assigned task.	
EQUIPMENT REQUIRED: To be determined by proctor	

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP15**
5.2.1 Operations
Standard Area: Operations

Candidate: _____ **Date:** _____

SS#: _____

STANDARD: 5.2.1 NFPA 1002, 2003 Edition	**TASK:** Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.

PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate the procedure for restoring the pumper to service.

CONDITIONS: The candidate will complete all elements of the assigned task.

EQUIPMENT REQUIRED: A fire department pumper, fully equipped.

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Insure that the apparatus water tank is full.				
2.	Reset pressure control devices.				
3.	Shift the transmission to neutral, allowing it to return to idle speed before disengaging the pump shift switch.				
4.	Open the pump drain (*optional*).				
5.	Load and secure all equipment.				
6.	Secure compartment doors.				

DRIVER OPERATOR PUMPER
NFPA 1002, 2003 Edition

5.2 Operations **JPR #DOP15**
5.2.1 Operations
Standard Area: Operations

Lead Evaluator/Candidate Comments:

Lead Evaluator (*Print & Sign*)	**Date**	**Candidate**	**Date**
Re-Test Lead Evaluator	**Date**	**Re-Test Candidate**	**Date**